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# NOTICE OF ALLOWANCE AND FEE(S) DUE

4372

7590

06/04/2008

ARENT FOX LLP 1050 CONNECTICUT AVENUE, N.W. SUITE 400 WASHINGTON, DC 20036 EXAMINER

CHANG, CHING

ART UNIT PAPER NUMBER

3748

DATE MAILED: 06/04/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/516.947	10/07/2005	Noriaki Fujii	107348-00449	4969

TITLE OF INVENTION: VALVE-ACTUATING FOR INTERNAL COMBUSTION ENGINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	09/04/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

### Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

appropriate. All further indicated unless correct maintenance fee notification	ed below or directed oth	ng the Patent, advance on the nerwise in Block 1, by (a	rders and notification a) specifying a new co	of m orres	naintenance fees w pondence address;	vill be and/or	mailed to the current of the current	orrespondence ad ate "FEE ADDRI	ldress as ESS" for
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ARENT FOX 1050 CONNEC SUITE 400	/2008 N.W.			Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmital is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.					
WASHINGTON	N, DC 20036							(Deposite	or's name)
								(5	Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION	NO.
10/516,947 TITLE OF INVENTION	10/07/2005 N: VALVE-ACTUATING	FOR INTERNAL COM	Noriaki Fujii MBUSTION ENGINE				107348-00449	4969	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUI	E FEE	TOTAL FEE(S) DUE	DATE DUI	Е
nonprovisional	NO	\$1440	\$300		\$0		\$1740	09/04/2008	
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	ss					
CHANG	, CHING	3748	123-090390						
"Fee Address" ind PTO/SB/47; Rev 03-(Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Un	ND RESIDENCE DATA less an assignee is ident th in 37 CFR 3.11. Comp	" Indication form	data will appear on the	rnativesingles or as attored attored attored attored by the party of t	rely, e firm (having as a gent) and the nammers or agents. If printed.  e) ttent. If an assignassignment.	membes of uno nam	p to ge is 3 dentified below, the do	cument has been	filed for
Please check the appropr	riate assignee category or	categories (will not be pr	rinted on the patent):		Individual 🗖 Co	orporati	on or other private gro	up entity 🔲 Gove	ernment
4a. The following fee(s) are submitted:  ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).						
	itus (from status indicated in SMALL ENTITY state		☐ b. Applicant is no	long	er claiming SMAI	LL EN	ГІТҮ status. See 37 СF	R 1.27(g)(2).	
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ARENT FOX L	LP		CHANG, CHING		
	CUT AVENUE, N.W.	ART UNIT	PAPER NUMBER		
SUITE 400 WASHINGTON,	DC 20036		3748 DATE MAIL ED: 06/04/2008		

# **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 206 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 206 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)
	10/516,947	FUJII ET AL.
Notice of Allowability	Examiner	Art Unit
	CHING CHANG	3748
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communicatio <b>IGHTS</b> . This application is subject	oplication. If not included n will be mailed in due course. <b>THIS</b>
1. 🔀 This communication is responsive to RCE filed on 5/12/08		
2. ☑ The allowed claim(s) is/are <u>1-28</u> .		
<ul> <li>3.  Acknowledgment is made of a claim for foreign priority un</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> </ul>		
2. Certified copies of the priority documents have	e been received in Application No.	
3. ☑ Copies of the certified copies of the priority do		
International Bureau (PCT Rule 17.2(a)).		3 11
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4. A SUBSTITUTE OATH OR DECLARATION must be subminformal patent APPLICATION (PTO-152) which give	MENT of this application.  itted. Note the attached EXAMINER	R'S AMENDMENT or NOTICE OF
<u> </u>	. ,	
5. CORRECTED DRAWINGS (as "replacement sheets") mus		049) ottochod
(a) ☐ including changes required by the Notice of Draftspers	<del>-</del> '	-948) attached
1) hereto or 2) to Paper No./Mail Date		Office action of
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or in the t	Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT		
Attachment(s)	- <b>-</b>	
1. Notice of References Cited (PTO-892)	5. Notice of Informal I	• •
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6.	ate .
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	7. ⊠ Examiner's Amend	ment/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🗌 Examiner's Statem	ent of Reasons for Allowance
o. Diological Material	9.	

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### **DETAILED ACTION**

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/12/08 has been entered. New claims 18-27, and 29 are added as requested.

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

### IN THE CLAIMS:

- "the roller" in line 10 of claim 4, in line 14 of claim 6, in line 11 of claim 18, and in line 15 of claim 24 is replaced by -- a roller --.
- The claim number "29 "of claim 29 is reassigned to be -- 28 --.

#### Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHING CHANG whose telephone number is (571)272-4857. The examiner can normally be reached on M-Th, 7:00 AM -5:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Denion can be reached on (571)272-4859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)? If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ching Chang/ Primary Examiner, Art Unit 3748